

REMARKS

Claims 1 - 20 are in this application and are presented for consideration. Claims 1, 10 and 12 have been amended, and new claims 17 - 20 have been added.

Claim 1 has been rejected as being anticipated by Dehari.

Claim 1 has been amended to set forth an adjusting device mounted on the bottom plate where the adjusting device linearly and horizontally positions the saw head with respect to the bottom plate a direction along an axis of the saw blade. In the embodiment of Figure 1, the adjusting device is shown by threaded spindle 7 and threaded piece 8 of block 8'. An operating part 9 is attached to the threaded spindle 7. When the operating part 9 is turned, the spindle 7 turns and the entire saw head 2 is moved right and left with respect to the bottom plate 1. The axis of the saw blade is shown in Figure 1 by reference 11. The saw blade 10 or cutting disk rotates around this axis or shaft 11.

Applicant has reviewed Dehari, and finds no teaching nor suggestion of any structure which would move a saw head in a direction of an axis of a saw blade. Applicant's review of Dehari finds a center shaft 26 of the circular saw blade 17. However Applicant does not find any structure which would move the chopping portion 15, or any other structure equivalent to a saw head, in a direction of shaft 26. Any structure Applicant has found in Dehari for moving the chopping portion 15, does not move the chopping portion 15 in a direction of axis 26. Dehari therefore does not anticipate all of the features of amended claim 1, and claim 1 therefore defines over Dehari.

New independent claim 17 sets forth that the saw head includes a saw blade cutting

along a cutting plane. In the embodiment of Figure 1, the saw blade is represented by reference 10, and the cutting plane would be the plane of the area that the saw blade cuts. Claim 17 further sets forth an adjusting device which adjusts the position of the saw head with respect to the base plate in a direction substantially perpendicular to the cutting plane. In the embodiment of Figure 1, this would be to the right and left of the front of the oscillating saw, and in the direction of V+ and V-. Applicant has reviewed Dehari, and notes that Dehari has a saw blade 7 which would make a cut having a cutting plane. However Applicant finds no teaching nor suggestion in Dehari of any structure which would move element 15 in a direction substantially perpendicular to any cutting plane caused by the saw blade 17. Therefore claim 17 also defines over Dehari.

Claim 1 has also been rejected as being obvious over Edler in view of Margolien.

Applicant has reviewed Edler, and finds no teaching nor suggestion of any structure similar to the adjusting device of amended claim 1. It appears in Edler that the saw blade 314 rotates about an arbor 312. However Applicant finds no teaching nor suggestion of any structure in Edler which would move a saw head in the direction of element 312. Applicant notes that Edler has structure for rotating the blade 314 about the point of the bottom of the blade, as shown in Figure 2 of Edler. Edler also appears to have structure for moving the saw blade forward and backward, as well as around axis X-X and Z-Z, as shown in Figure 1. However none of these structures move a saw head in a direction of an axis of saw blade 314. Therefore all of the structures previously mentioned for moving the saw blade 314 do not anticipate the adjusting device of claim 1.

Applicant has also reviewed Margolien, and also finds no teaching nor suggestion of the adjusting device of claim 1 in Margolien. Margolien does describe a wheel 23 which appears to rotate around a shaft 25. However Applicant finds no teaching nor suggestion of any structure which would move wheel 23 in a direction of shaft 25. Therefore the combination of Edler and Margolien fail to anticipate all of the features of amended claim 1. Amended claim 1 therefore cannot be obvious in view of these references.

New independent claim 17 sets forth that the adjusting device adjusts a position of the saw head with respect to the base plate in a direction substantially perpendicular to a cutting plane. Applicant has reviewed Edler, and notes that any cutting plane formed by saw blade 314 is not substantially perpendicular to any structure for moving any saw head in Edler. Any pivoting as shown in Figure 2 of Edler is not perpendicular to a cutting plane. Also any moving in and out, or about the axis X-X and Z-Z, is not substantially perpendicular to any cutting plane caused by saw blade 314. Therefore the structures for making these movements do not anticipate the adjusting device of claim 17. Applicant likewise finds no teaching nor suggestion of any such structure in Margolien. The combination of Edler and Margolien therefore does not anticipate all of the features of new claim 17. New claim 17 therefore cannot be obvious in view of these references.

New claim 18 depends from claim 17 and sets forth that the tilt axis is substantially parallel to the base plane and substantially perpendicular to the cutting plane. This further limits which axis in the prior art can be equated with the tilt axis of the present invention.

Claim 19 depends from claim 18 and sets forth that the adjusting device linearly moves

the saw head substantially parallel to the tilt axis. Applicant finds no teaching nor suggestion in the prior art of a tilt axis which is substantially perpendicular to a cutting plane, and where an adjusting device moves a saw head substantially parallel to the tilt axis. Claim 19 therefore further defines over the prior art.

At this time Applicant respectfully requests reconsideration of this application, and based on the above amendments and remarks, respectfully solicits allowance of this application.

Respectfully submitted  
for Applicant,

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